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PATENT ABSTRACTS OF JAPAN

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(71) Applicant: **SONY CORP**

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(54) PRODUCTION OF PLANAR DISPLAY PANEL

(57) Abstract:

PROBLEM TO BE SOLVED: To make it possible to use substrates consisting of inexpensive plastic materials while suppressing the damage on the substrates under transparent electrode films at the time of production by extremely easily forming electrodes having fine wiring patterns and to embody the increase in the size of the screen of a planar display panel and the enhancement of its fineness which are recent requirements.

SOLUTION: While the surface of the transparent electrode film 31 is observed by a monitor TV 52, a laser beam is condensed to a prescribed spot diameter on the transparent electrode film 31 in an objective lens 45 and the transparent electrode film 31 is moved at a prescribed spot scanning speed on an X-Y stage 46, by which the part irradiated with the laser beam of the transparent electrode film 31 is instantaneously abraded and removed. The transparent electrode film 31 is thus subjected to prescribed patterning.

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